



# **A Vision for Urban Transport, People and Freight**

**Garrett Emmerson, Chief Operating Officer**

**London Streets,**

**Transport for London**



# London's Road Network

- There are around 28m transport trips in London every day.
- Over 80% of all passenger journeys, including:

around 10m car trips;  
6 million bus journeys;  
5million walking trips;  
0.5m cycling trips;  
0.2m taxi journeys;  
nearly all freight movements,  
use the road network in London

**But London is a growing city: London Plan predicts 1 million more people & 750K more jobs in London by 2031.**





## Transport & CO<sub>2</sub>

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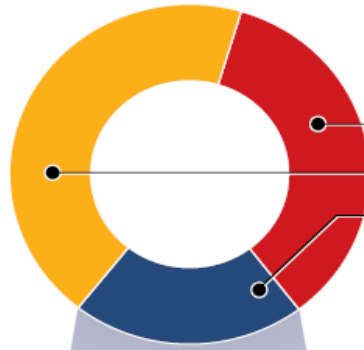
London's Climate change target is a 60% reduction in the City's CO<sub>2</sub> emissions by 2025, from a 1990 base



# Transport & CO<sub>2</sub>

2008 London CO<sub>2</sub> emissions

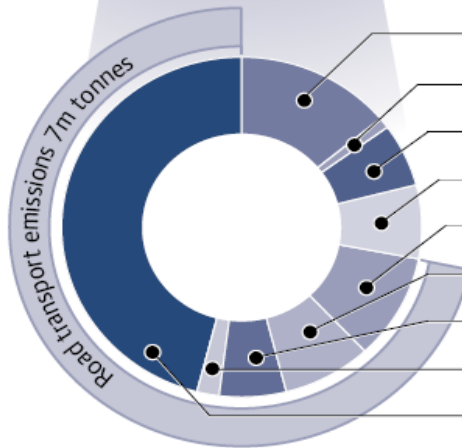
Total emissions 44.7m tonnes



|                        |     |
|------------------------|-----|
| Homes                  | 35% |
| Workplaces             | 43% |
| Ground-based transport | 22% |

2008 London ground-based transport CO<sub>2</sub> emissions

Ground-based transport emissions 9.7m tonnes



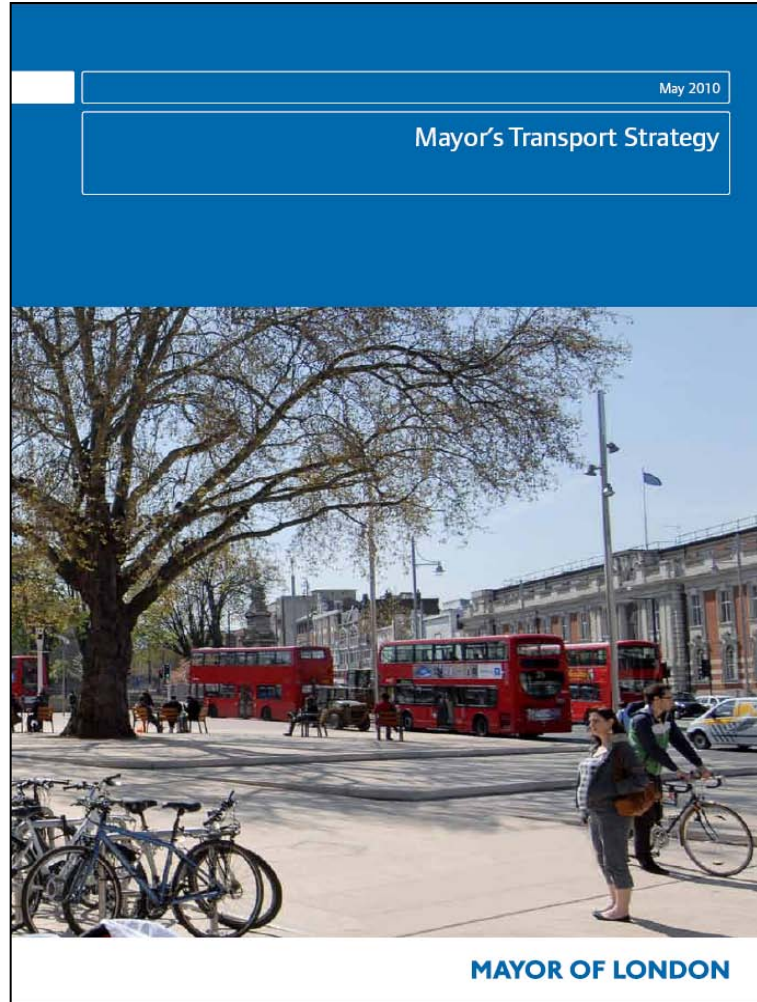
|                            |     |
|----------------------------|-----|
| Ground-based aviation*     | 14% |
| DLR, trams and shipping    | 1%  |
| National Rail              | 6%  |
| Underground                | 7%  |
| HGVs                       | 10% |
| LGVs                       | 8%  |
| Buses and coaches          | 6%  |
| Taxis                      | 2%  |
| Cars, motorcycles and PHVs | 46% |



# CO<sub>2</sub> & the Mayor's Transport Strategy

## 3 Themes:

- **Improved Operational efficiency**
- **Supporting & enabling the development of low carbon vehicles**
- **Promoting Carbon efficient mode choice**



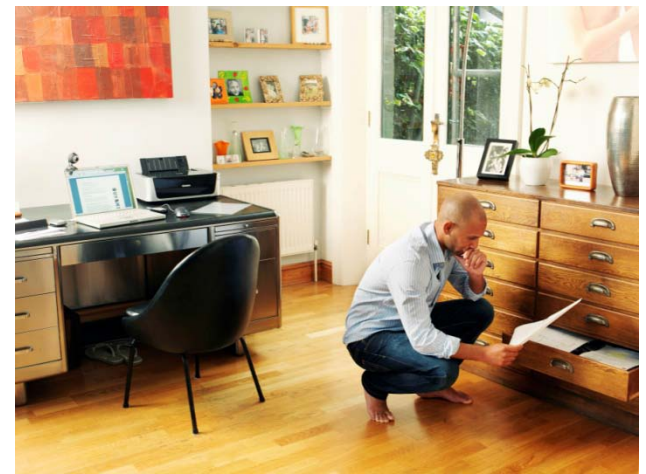
# Improving Operational Efficiency



# Supporting Low Carbon Vehicle Development

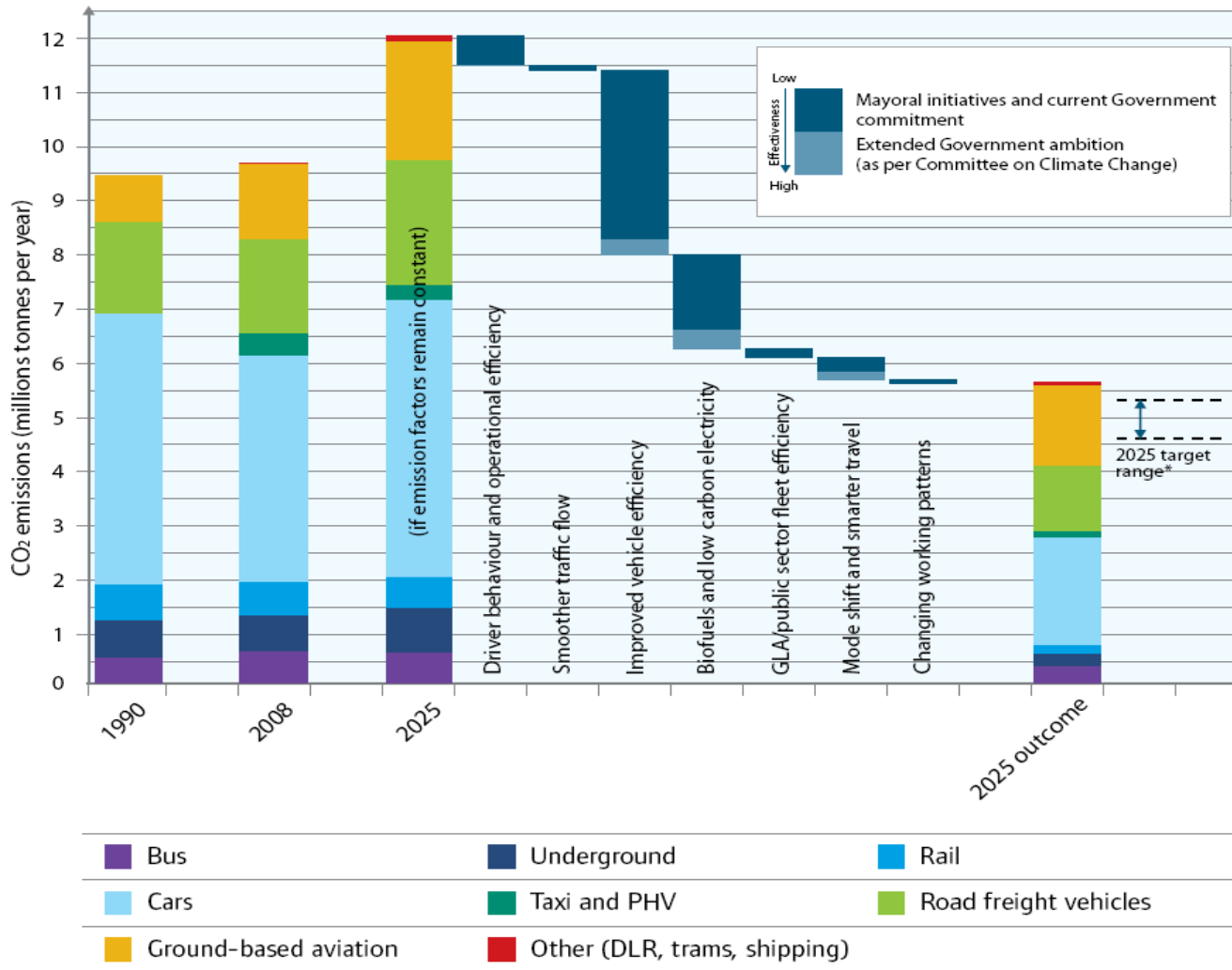


# Promoting Carbon Efficient Mode Choice





# Carbon Dioxide emissions





**..... A low carbon vision for Transport?**

